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1800 Design and simulation of two-stroke engines

Q9 2011 - 1996 - 528,010

... I have written as my own mechanical design tools, as I spend a large fraction of my ... who enthused me during my schooldays on the subject of internal-combustion engines in general ... work on the QUB SP rig which ultimately sophisticated the theoretical simulation of unsteady ...

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Acoustical source characterization studies on a multi-cylinder engine exhaust system

MC Pressed... - Journal of Sound and Vibration, 1983 - Elsevier

... However, they **ENGINE EXHAUST SYSTEM SOURCE CHARACTERIZATION** 481 preferred to use a total **simulation** for situations ... Internal combustion engine exhaust muffling ... Theoretical and experimental investigation of mufflers with comments on engine exhaust muffler design ...

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Noise produced by unsteady exhaust efflux from an internal combustion engine

GP Blair, - SAE paper, 1973 - papers.sae.org

... Wright EJ, "Computer **Simulation of Engine Gas Dynamic Processes: A Design Package.**" Paper 710174 presented at SAE Automotive ... Blair GP and Spechko JA, "**Sound Pressure Levels Generated by Internal Combustion Engine Exhaust Systems.**" Paper 720155 ...

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book Acoustics of ducts and mufflers with application to exhaust and ventilation system design

ALL Muriel - 1987 - books.google.com

... The text deals with the theory of **exhaust mufflers** for internal **combustion engines** of the ... 274
References 282 8. **DESIGN OF MUFFLERS** 8.1 Requirements of an **Engine Exhaust Muffler** 285 ...
8.4 Practical Considerations 299 8.5 Design of Mufflers for Ventilation Systems 301 8.6 ...

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ipof Design of an active exhaust attenuating valve for internal combustion engines

R. Boonen, - FORTSCHRITTE DER AКУSTIK, 2001 - isma-tsa.be

... of the active silencer has been carried out on a cold engine simulator. ... carry out acoustical and fluid-dynamic experiments with new concepts of exhaust systems without taking ... hot and corrosive environment when directly testing on an operational internal combustion engine. ...

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